



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12571761
SAU: MSAD 63
School: Holbrook School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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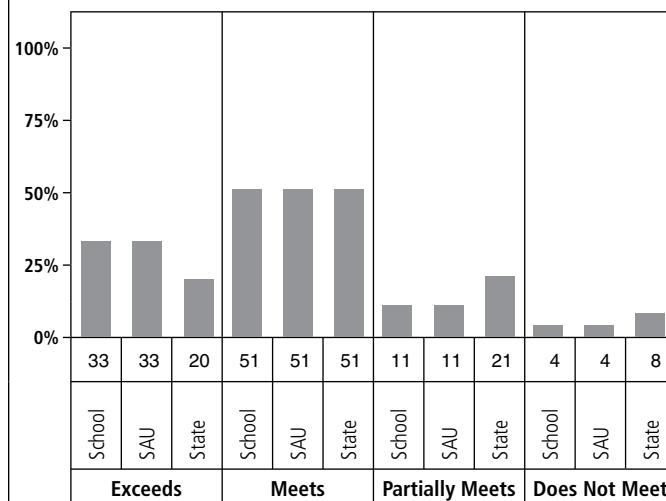
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

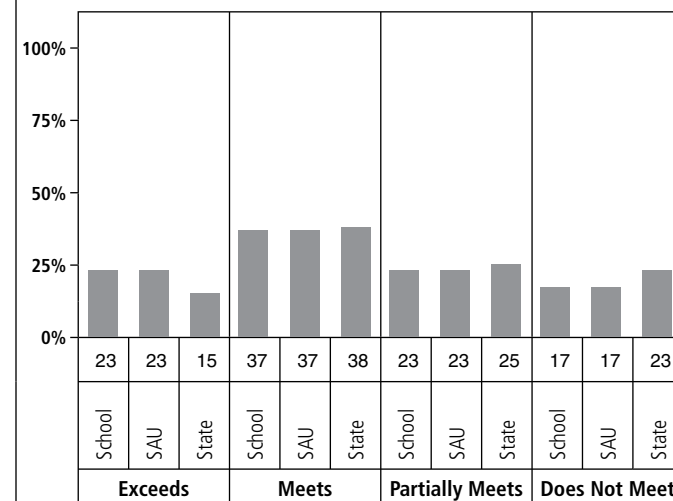
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	850	849	847
2007–2008	854	854	849
2008–2009	855	855	850
Cum. Avg.*	853	853	849
Mathematics			
2006–2007	846	845	842
2007–2008	846	846	841
2008–2009	848	848	843
Cum. Avg.*	847	846	842
Science			
2008–2009 **	849	849	846

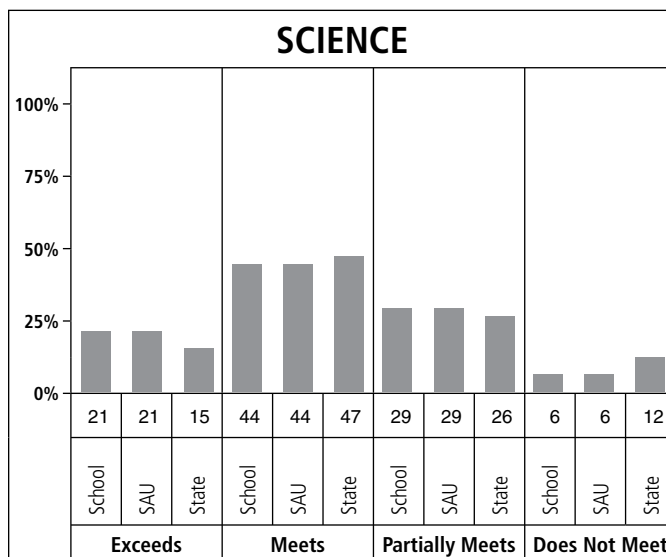
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	70	100	70	100	14804	100	70	100	70	100	14659	99	70	100	70	100	14653	99	70	100	70	100	14626	99
Ethnicity African American/Black	1	1	1	1	377	3	1	100	1	100	366	97	1	100	1	100	371	98	1	100	1	100	367	97
American Indian or Native Alaskan	2	3	2	3	119	1	2	100	2	100	117	99	2	100	2	100	115	97	2	100	2	100	116	98
Asian or Pacific Islander	0	0	0	0	238	2	0	0	0	0	232	97	0	0	0	0	234	98	0	0	0	0	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	67	96	67	96	13878	94	67	100	67	100	13756	99	67	100	67	100	13742	99	67	100	67	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	8	11	8	11	2489	17	8	100	8	100	2434	99	8	100	8	100	2424	98	8	100	8	100	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	15	21	15	21	5460	37	15	100	15	100	5380	99	15	100	15	100	5377	99	15	100	15	100	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	62	89	62	89	12132	82	62	89	62	89	12124	82	62	89	62	89	12169	82
Identified disability (PET/IEP)	0	0	0	0	379	3	0	0	0	0	380	3	0	0	0	0	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
Participation with accommodations	8	11	8	11	2349	16	8	11	8	11	2347	16	8	11	8	11	2288	15
Identified disability (PET/IEP)	8	100	8	100	1877	80	8	100	8	100	1862	79	8	100	8	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	182	1	0	0	0	0	169	1
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	182	100	0	0	0	0	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	7	10	7	9	2407	16
	2007-2008	21	31	21	31	3428	23
	2008-2009	23	33	23	33	2857	20
	Cum. Total*	51	24	51	24	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	47	64	47	64	7494	49
	2007-2008	35	51	35	51	7179	48
	2008-2009	36	51	36	51	7431	51
	Cum. Total*	118	56	118	56	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	16	22	16	22	3628	24
	2007-2008	7	10	7	10	2706	18
	2008-2009	8	11	8	11	2979	21
	Cum. Total*	31	15	31	15	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	3	4	4	5	1810	12
	2007-2008	5	7	5	7	1611	11
	2008-2009	3	4	3	4	1214	8
	Cum. Total*	11	5	12	6	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	38.7	69.1	38.7	69.1	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.3	66.5	13.3	66.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	25.4	70.6	25.4	70.6	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	70	23	33	36	51	8	11	3	4	855	70	33	51	11	4	855	14481	20	51	21	8	850
Ethnicity																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	2										2						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	67	23	34	35	52	6	9	3	4	855	67	34	52	9	4	855	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	3	38	3	38	2	25	837	8	0	38	38	25	837	2256	2	25	40	34	834
No	62	23	37	33	53	5	8	1	2	857	62	37	53	8	2	857	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	70	23	33	36	51	8	11	3	4	855	70	33	51	11	4	855	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	15	1	7	9	60	3	20	2	13	845	15	7	60	20	13	845	5277	10	46	29	15	844
No	55	22	40	27	49	5	9	1	2	857	55	40	49	9	2	857	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	70	23	33	36	51	8	11	3	4	855	70	33	51	11	4	855	14476	20	51	21	8	850
Gender																						
Female	32	16	50	12	38	3	9	1	3	859	32	50	38	9	3	859	7074	25	51	18	6	852
Male	38	7	18	24	63	5	13	2	5	851	38	18	63	13	5	851	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	70	23	33	36	51	8	11	3	4	855	70	33	51	11	4	855	13624	20	52	20	8	850
Gifted/talented program																						
Yes	7	5	71	2	29	0	0	0	0	866	7	71	29	0	0	866	700	69	30	1	0	867
No	63	18	29	34	54	8	13	3	5	853	63	29	54	13	5	853	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	1	50	1	50	0	0	847	3	0	50	50	0	847	8	8	39	29	24	841
B. less than one hour	61	12	28	23	53	6	14	2	5	853	61	28	53	14	5	853	51	17	53	22	8	849
C. one to two hours	34	11	46	11	46	1	4	1	4	858	34	46	46	4	4	858	36	24	52	18	5	852
D. more than two hours	1	0	0	1	100	0	0	0	0	844	1	0	100	0	0	844	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	30	15	71	6	29	0	0	0	0	866	30	71	29	0	0	866	31	35	50	11	4	856
B. good	46	8	25	20	63	2	6	2	6	854	46	25	63	6	6	854	47	16	55	21	7	849
C. fair	21	0	0	9	60	5	33	1	7	842	21	0	60	33	7	842	18	5	47	33	15	842
D. poor	3	0	0	1	50	1	50	0	0	843	3	0	50	50	0	843	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	44	14	45	15	48	2	6	0	0	859	44	45	48	6	0	859	32	27	54	14	5	853
B. They match some of what I have learned.	47	9	27	18	55	5	15	1	3	853	47	27	55	15	3	853	52	18	53	22	8	850
C. They match just a little of what I have learned.	6	0	0	2	50	0	0	2	50	839	6	0	50	0	50	839	12	11	45	29	15	844
D. There is no match.	3	0	0	1	50	1	50	0	0	839	3	0	50	50	0	839	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	16	2	18	4	36	4	36	1	9	848	16	18	36	36	9	848	15	13	42	28	17	844
B. about the same as my regular schoolwork	74	19	37	27	53	3	6	2	4	856	74	37	53	6	4	856	64	19	53	20	7	850
C. easier than my regular schoolwork	10	2	29	4	57	1	14	0	0	852	10	29	57	14	0	852	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	4	0	0	2	67	1	33	0	0	851	4	0	67	33	0	851	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	52	8	22	21	58	5	14	2	6	853	52	22	58	14	6	853	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	43	15	50	12	40	2	7	1	3	858	43	50	40	7	3	858	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	46	10	31	17	53	3	9	2	6	855	46	31	53	9	6	855	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	49	13	38	16	47	4	12	1	3	855	49	38	47	12	3	855	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	2	67	1	33	0	0	843	4	0	67	33	0	843	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	16	8	73	3	27	0	0	0	0	863	16	73	27	0	0	863	19	26	53	15	6	853
B. 20 minutes to an hour	46	10	31	16	50	4	13	2	6	854	46	31	50	13	6	854	40	25	52	17	6	852
C. less than 20 minutes	16	3	27	6	55	1	9	1	9	855	16	27	55	9	9	855	15	18	51	21	10	849
D. I rarely read at home.	22	2	13	10	67	3	20	0	0	850	22	13	67	20	0	850	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	49	20	59	12	35	1	3	1	3	861	49	59	35	3	3	861	42	27	51	15	6	853
B. agree	43	3	10	19	63	6	20	2	7	849	43	10	63	20	7	849	50	15	53	23	9	848
C. disagree	7	0	0	4	80	1	20	0	0	846	7	0	80	20	0	846	7	8	46	32	14	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	860	1	0	100	0	0	860	2	6	39	35	21	840
Optional school/SAU question																						
A.	50	0	0	1	50	0	0	1	50	841	50	0	50	0	50	841						
B.	25	0	0	0	0	1	100	0	0	834	25	0	0	100	0	834						
C.	0										0											
D.	25	0	0	0	0	1	100	0	0	840	25	0	0	100	0	840						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	11	15	11	15	1952	13
	2007-2008	12	18	12	18	1657	11
	2008-2009	16	23	16	23	2116	15
	Cum. Total*	39	18	39	18	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	36	49	36	49	5870	38
	2007-2008	28	41	28	41	5956	40
	2008-2009	26	37	26	37	5443	38
	Cum. Total*	90	43	90	42	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	13	18	13	18	3982	26
	2007-2008	20	29	20	29	3729	25
	2008-2009	16	23	16	23	3556	25
	Cum. Total*	49	23	49	23	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	13	18	14	19	3534	23
	2007-2008	8	12	8	12	3579	24
	2008-2009	12	17	12	17	3356	23
	Cum. Total*	33	16	34	16	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	31.7	56.6	31.7	56.6	28.6	51.1
A. Number	8	14	4.0	50.0	4.0	50.0	3.7	46.3
B. Data	16	29	9.9	61.9	9.9	61.9	8.9	55.6
C. Geometry	12	21	5.5	45.8	5.5	45.8	5.0	41.7
D. Algebra	20	36	12.3	61.5	12.3	61.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	70	16	23	26	37	16	23	12	17	848	70	23	37	23	17	848	14471	15	38	25	23	843
Ethnicity																						
African American/Black	1										1						367	6	24	26	44	831
American Indian or Native Alaskan	2										2						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	67	16	24	25	37	14	21	12	18	848	67	24	37	21	18	848	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	0	0	3	38	5	63	827	8	0	0	38	63	827	2242	2	12	22	63	824
No	62	16	26	26	42	13	21	7	11	851	62	26	42	21	11	851	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	70	16	23	26	37	16	23	12	17	848	70	23	37	23	17	848	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	15	1	7	3	20	5	33	6	40	836	15	7	20	33	40	836	5270	6	30	28	36	835
No	55	15	27	23	42	11	20	6	11	851	55	27	42	20	11	851	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	70	16	23	26	37	16	23	12	17	848	70	23	37	23	17	848	14466	15	38	25	23	843
Gender																						
Female	32	9	28	13	41	7	22	3	9	852	32	28	41	22	9	852	7070	15	39	25	22	843
Male	38	7	18	13	34	9	24	9	24	844	38	18	34	24	24	844	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	70	16	23	26	37	16	23	12	17	848	70	23	37	23	17	848	13614	15	38	24	22	843
Gifted/talented program																						
Yes	7	5	71	2	29	0	0	0	0	866	7	71	29	0	0	866	700	68	27	3	1	866
No	63	11	17	24	38	16	25	12	19	846	63	17	38	25	19	846	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	1	50	0	0	0	0	1	50	846	3	50	0	0	50	846	8	8	24	24	44	833
B. less than one hour	61	9	21	14	33	12	28	8	19	845	61	21	33	28	19	845	51	12	38	26	23	842
C. one to two hours	34	6	25	12	50	4	17	2	8	853	34	25	50	17	8	853	36	19	40	23	19	845
D. more than two hours	1	0	0	0	0	0	0	1	100	828	1	0	0	0	100	828	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	25	7	41	4	24	5	29	1	6	853	25	41	24	29	6	853	28	33	41	15	11	852
B. good	51	9	26	16	46	6	17	4	11	852	51	26	46	17	11	852	45	11	43	25	21	842
C. fair	23	0	0	5	31	5	31	6	38	836	23	0	31	31	38	836	21	3	27	35	35	834
D. poor	1	0	0	0	0	0	0	1	100	816	1	0	0	0	100	816	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	36	11	44	9	36	3	12	2	8	857	36	44	36	12	8	857	28	23	41	21	15	848
B. They match some of what I have learned.	51	5	14	15	42	10	28	6	17	845	51	14	42	28	17	845	52	13	40	25	21	843
C. They match just a little of what I have learned.	13	0	0	2	22	3	33	4	44	835	13	0	22	33	44	835	16	8	28	30	34	836
D. There is no match.	0										0						4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	33	2	9	8	35	5	22	8	35	840	33	9	35	22	35	840	32	6	34	29	32	837
B. about the same as my regular schoolwork	45	9	29	12	39	7	23	3	10	851	45	29	39	23	10	851	52	13	41	25	20	843
C. easier than my regular schoolwork	22	5	33	6	40	3	20	1	7	854	22	33	40	20	7	854	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	48	8	24	12	36	6	18	7	21	848	48	24	36	18	21	848	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	49	7	21	14	41	9	26	4	12	849	49	21	41	26	12	849	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	3	1	50	0	0	0	0	1	50	842	3	50	0	0	50	842	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	21	6	40	5	33	1	7	3	20	854	21	40	33	7	20	854	34	18	40	22	20	845
B. two or three days a week	34	7	29	8	33	5	21	4	17	849	34	29	33	21	17	849	35	14	38	26	21	843
C. two or three times each month	33	3	13	10	43	8	35	2	9	847	33	13	43	35	9	847	18	12	37	27	24	841
D. never or almost never	11	0	0	3	38	2	25	3	38	837	11	0	38	25	38	837	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	3	0	0	0	0	2	100	0	0	831	3	0	0	100	0	831	9	13	38	23	26	841
B. two or three days a week	3	0	0	0	0	0	0	2	100	820	3	0	0	0	100	820	17	11	37	26	26	841
C. two or three times each month	6	1	25	2	50	0	0	1	25	846	6	25	50	0	25	846	28	15	40	25	20	844
D. never or almost never	89	15	24	24	39	14	23	9	15	849	89	24	39	23	15	849	46	16	36	24	23	843
How do you feel about the following statement?																						
"My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	56	13	33	12	31	9	23	5	13	851	56	33	31	23	13	851	52	19	41	22	18	846
B. agree	40	3	11	13	46	7	25	5	18	845	40	11	46	25	18	845	39	11	35	27	27	840
C. disagree	3	0	0	0	0	0	0	2	100	822	3	0	0	0	100	822	6	7	28	26	39	835
D. strongly disagree	1	0	0	1	100	0	0	0	0	860	1	0	100	0	0	860	3	4	25	28	43	832
Optional school/SAU question																						
A.	50	1	50	0	0	0	0	1	50	839	50	50	0	0	50	839						
B.	25	0	0	0	0	1	100	0	0	830	25	0	0	100	0	830						
C.	0										0											
D.	25	0	0	0	0	1	100	0	0	832	25	0	0	100	0	832						

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	15	21	15	21	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	31	44	31	44	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	20	29	20	29	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	4	6	4	6	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	34.1	60.9	34.1	60.9	32.0	57.1
D. The Physical Setting	31	55	17.4	56.1	17.4	56.1	17.1	55.2
D1/D2 Earth/Space	17	30	9.4	55.3	9.4	55.3	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	8.0	57.1	8.0	57.1	7.7	55.0
E. The Living Environment	25	45	16.7	66.8	16.7	66.8	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	70	15	21	31	44	20	29	4	6	849	70	21	44	29	6	849	14263	15	47	26	12	846
Ethnicity																						
African American/Black	1										1						360	4	31	35	30	835
American Indian or Native Alaskan	2										2						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	67	14	21	31	46	20	30	2	3	850	67	21	46	30	3	850	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	1	13	5	63	2	25	834	8	0	13	63	25	834	2221	3	22	36	38	832
No	62	15	24	30	48	15	24	2	3	851	62	24	48	24	3	851	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	70	15	21	31	44	20	29	4	6	849	70	21	44	29	6	849	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	15	1	7	6	40	6	40	2	13	842	15	7	40	40	13	842	5184	6	40	33	21	840
No	55	14	25	25	45	14	25	2	4	851	55	25	45	25	4	851	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	70	15	21	31	44	20	29	4	6	849	70	21	44	29	6	849	14258	15	47	26	12	846
Gender																						
Female	32	10	31	13	41	8	25	1	3	851	32	31	41	25	3	851	6953	14	47	28	11	846
Male	38	5	13	18	47	12	32	3	8	848	38	13	47	32	8	848	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	70	15	21	31	44	20	29	4	6	849	70	21	44	29	6	849	13435	16	48	25	12	846
Gifted/talented program																						
Yes	7	4	57	3	43	0	0	0	0	864	7	57	43	0	0	864	699	65	34	2	0	865
No	63	11	17	28	44	20	32	4	6	848	63	17	44	32	6	848	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 63
School: Holbrook School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	1	50	1	50	0	0	844	3	0	50	50	0	844	8	8	34	28	30	837
B. less than one hour	61	10	23	17	40	13	30	3	7	848	61	23	40	30	7	848	51	14	48	27	11	846
C. one to two hours	34	5	21	12	50	6	25	1	4	852	34	21	50	25	4	852	36	19	48	24	9	848
D. more than two hours	1	0	0	1	100	0	0	0	0	848	1	0	100	0	0	848	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	23	9	56	6	38	1	6	0	0	862	23	56	38	6	0	862	23	27	47	17	8	851
B. good	50	6	17	20	57	9	26	0	0	851	50	17	57	26	0	851	53	15	50	26	10	847
C. fair	24	0	0	4	24	10	59	3	18	836	24	0	24	59	18	836	20	4	43	35	18	840
D. poor	3	0	0	1	50	0	0	1	50	837	3	0	50	0	50	837	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	20	2	14	8	57	4	29	0	0	851	20	14	57	29	0	851	26	20	49	23	9	849
B. They match some of what I have learned.	62	11	26	17	40	12	28	3	7	849	62	26	40	28	7	849	51	14	48	26	11	846
C. They match just a little of what I have learned.	13	2	22	4	44	3	33	0	0	850	13	22	44	33	0	850	18	13	44	28	15	844
D. There is no match.	4	0	0	2	67	1	33	0	0	846	4	0	67	33	0	846	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	44	3	10	14	47	11	37	2	7	844	44	10	47	37	7	844	32	13	45	28	14	844
B. about the same as my regular schoolwork	40	9	33	13	48	4	15	1	4	855	40	33	48	15	4	855	56	15	49	25	11	847
C. easier than my regular schoolwork	16	3	27	4	36	3	27	1	9	850	16	27	36	27	9	850	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	48	6	18	14	42	12	36	1	3	847	48	18	42	36	3	847	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	51	9	26	16	46	7	20	3	9	851	51	26	46	20	9	851	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	1	0	0	1	100	0	0	0	0	854	1	0	100	0	0	854	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	20	3	21	8	57	2	14	1	7	850	20	21	57	14	7	850	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	17	3	25	5	42	2	17	2	17	850	17	25	42	17	17	850	23	17	49	22	12	847
C. the course(s) described in B, plus physics	29	7	35	8	40	4	20	1	5	854	29	35	40	20	5	854	21	31	44	17	7	852
D. a life science and physical science class	33	1	4	10	43	12	52	0	0	843	33	4	43	52	0	843	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	26	6	33	8	44	4	22	0	0	855	26	33	44	22	0	855	27	23	47	20	10	849
B. agree	43	6	20	12	40	10	33	2	7	848	43	20	40	33	7	848	37	14	47	27	12	846
C. disagree	24	3	18	7	41	5	29	2	12	846	24	18	41	29	12	846	25	11	48	29	12	845
D. strongly disagree	7	0	0	4	80	1	20	0	0	846	7	0	80	20	0	846	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	24	7	41	8	47	2	12	0	0	858	24	41	47	12	0	858	31	22	46	22	10	849
B. agree	56	5	13	19	49	13	33	2	5	847	56	13	49	33	5	847	50	14	49	26	11	846
C. disagree	16	3	27	3	27	3	27	2	18	846	16	27	27	27	18	846	14	9	45	31	15	843
D. strongly disagree	4	0	0	1	33	2	67	0	0	842	4	0	33	67	0	842	5	3	38	34	25	837
Optional school/SAU question																						
A.	50	0	0	1	50	1	50	0	0	839	50	0	50	50	0	839						
B.	25	0	0	0	0	0	0	1	100	826	25	0	0	0	100	826						
C.	0										0											
D.	25	0	0	0	0	1	100	0	0	840	25	0	0	100	0	840						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number